AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the

application:

LISTING OF CLAIMS:

1.   (original): A color chart for creating a color conversion definition for converting

first color data representative of coordinate points in a first color space depending on an input

device for entering image to obtain image data into second color data representative of

coordinate points in a second color space independent of devices, in which a plurality of color

patches different in color is arranged,

wherein said color chart includes color patches associated with all vertexes of a

rectangular parallelepiped defined by a base coloring amount (QC_b, QM_b, QY_b) comprising

combinations of minimum coloring amounts QC_b, QM_b and QY_b of monochromes of cyan,

magenta and yellow in a coloring amount space represented by three axes of coloring amounts of

cyan, magenta and yellow, a maximum coloring amount QC_{max} of monochrome of cyan, a

maximum coloring amount QC_{max} of monochrome of magenta M, and a maximum coloring

amount QY_{max} of monochrome of yellow Y in the coloring amount space, and in addition a

color patch associated with an intermediate point located between two vertexes on a straight line

coupling the two vertexes with one another, even if any two vertexes of the rectangular

parallelepiped are selected.

2.   (original): A color conversion definition creating method of creating a color

conversion definition for converting first color data representative of coordinate points in a first

color space depending on an input device for entering image to obtain image data into second

color data representative of coordinate points in a second color space independent of devices,

wherein a color chart is adopted to obtain the second color data representative of

coordinate points in the second color space associated with a plurality of color patches

constituting said color chart, and also to obtain the first color data representative of coordinate

points in the first color space associated with a plurality of color patches constituting said color

chart, through inputting said color chart to said input device,

said color chart includes color patches associated with all vertexes of a rectangular

parallelepiped defined by a base coloring amount (QC_b, QM_b, QY_b) comprising combinations of

minimum coloring amounts QC_b, QM_b and QY_b of monochromes of cyan, magenta and yellow

in a coloring amount space represented by three axes of coloring amounts of cyan, magenta and

yellow, a maximum coloring amount QC_{max} of monochrome of cyan, a maximum coloring

amount QM_{max} of monochrome of magenta M, and a maximum coloring amount QY_{max} of

monochrome of yellow Y in the coloring amount space, and in addition a color patch associated

with an intermediate point located between two vertexes on a straight line coupling the two

vertexes with one another, even if any two vertexes of the rectangular parallelepiped are selected,

and the color conversion definition is created by association of said first color data with

said second color data.

3.   (new): The color conversion definition creating method of creating the color

conversion definition of claim 2, wherein determining a value of an exterior point of a color

reproduction area is based on,

(1) C_c = C_a + $\dfrac{(D)}{(D_s)}$ x $(C_b - C_a)$;

(2) M_c = M_a + $\dfrac{(D)}{(D_s)}$ x $(M_b - M_a)$;

(3) Y_c = Y_a + $\dfrac{(D)}{(D_s)}$ x $(Y_b - Y_a)$;

where: (C_a, M_a, Y_a) is a representative point inside the color reproduction area;

(C_b, M_b, Y_b) is a surface point of the color reproduction area;

(C_c, M_c, Y_c) is the exterior point outside of the reproduction area;

D_s is a distance between the representative point and the exterior point; and

D is a distance between the surface point and the exterior point.

4.   (new): The color chart for creating the color conversion definition of claim 1, with color patches associated with all vertexes of the rectangular parallelepiped, wherein:

$(QC_b, QM_{max}, QY_{max})$ represents the maxiumum coloring amount of a saturated color Red;

$(QC_{max}, QM_b, QY_{max})$ represents the maximum coloring amount of a saturated color Green; and

$(QC_{max}, QM_{max}, QY_b)$ represents the maximum coloring amount of a saturated color Blue.

5.   (new): The color conversion definition creating method of claim 2, with the color chart having color patches associated with all vertexes of the rectangular parallelepiped, wherein:

$(QC_b, QM_{max}, QY_{max})$ represents the maxiumum coloring amount of a saturated color

Red;

(QC$_{max}$, QM$_b$, QY$_{max}$) represents the maximum coloring amount of a saturated color

Green; and

(QC$_{max}$, QM$_{max}$, QY$_b$) represents the maximum coloring amount of a saturated color Blue.

6.   (new): The color chart of claim 1, wherein the color chart provides a value for an

exterior point located outside a reproduction area and where the value is based on a correlation

between the exterior point and the reproduction area.